

may be repeated in 5 to 7 days if necessary. Before treatment, obtain an accurate diagnosis from a veterinarian or diagnostic laboratory. Do not treat within 30 days of slaughter.

(3) *Cattle*. Orally as a drench and in paste form using a dosing gun designed for the product.

(i) *Amount*. 3 grams per 100 pounds of body weight.

(a) *Indications for use*. Control of infections of gastrointestinal roundworms (*Trichostrongylus* spp., *Haemonchus* spp., *Nematodirus* spp., *Ostertagia* spp., and *Oesophagostomum radiatum*).

(b) *Limitations*. For most effective results, severely parasitized animals or those constantly exposed to helminth infection should be re-treated every 2 to 3 weeks. Milk taken from treated animals within 96 hours (8 milkings) after the latest treatment must not be used for food. Do not treat cattle within 3 days of slaughter. For a satisfactory diagnosis, a microscopic fecal examination should be performed prior to worming.

(ii) *Amount*. 5 grams per 100 pounds of body weight.

(a) *Indications for use*. Control of infections of *Cooperia* spp. or severe infections of other species in paragraph (e)(3)(i)(a) of this section.

(b) *Limitations*. For most effective results, severely parasitized animals or those constantly exposed to helminth infection should be re-treated every 2 to 3 weeks. Milk taken from treated animals within 96 hours (8 milkings) after the latest treatment must not be used for food. Do not treat cattle within 3 days of slaughter. For a satisfactory diagnosis, a microscopic fecal examination should be performed prior to worming.

(4) *Sheep and goats*. Orally, as a drench.

(i) *Amount*. 2 grams per 100 pounds of body weight.

(ii) *Indications for use*. Control of infections of gastrointestinal roundworms in sheep and goats. (*Trichostrongylus* spp., *Haemonchus* spp., *Ostertagia* spp., *Cooperia* spp., *Nematodirus* spp., *Bunostomum* spp., *Strongyloides* spp., *Chabertia* spp., and *Oesophagostomum* spp.); also active from 3 hours to 3 days following treat-

ment against ova and larvae passed by sheep (good activity against *Trichostrongylus colubriformis* and *axei*, *Ostertagia* spp., *Bunostomum* spp., *Nematodirus* spp., and *Strongyloides* spp.; less effective against *Haemonchus contortus* and *Oesophagostomum* spp.).

(iii) *Limitations*. As a single oral dose; do not treat animals within 30 days of slaughter; milk taken from treated animals within 96 hours (8 milkings) after the latest treatment must not be used for food; in severe infections in sheep, treatment should be repeated in 2 to 3 weeks.

(5) *Goats*. Orally, as a drench.

(i) *Amount*. 3 grams per 100 pounds of body weight.

(ii) *Indications for use*. Control of severe infections of gastrointestinal roundworms (*Trichostrongylus* spp., *Haemonchus* spp., *Ostertagia* spp., *Cooperia* spp., *Nematodirus* spp., *Bunostomum* spp., *Strongyloides* spp., *Chabertia* spp., and *Oesophagostomum* spp.).

(iii) *Limitations*. As a single oral dose; do not treat animals within 30 days of slaughter; milk taken from treated animals within 96 hours (8 milkings) after the latest treatment must not be used for food; treatment should be repeated in 2 to 3 weeks.

[40 FR 13838, Mar. 27, 1975, as amended at 41 FR 9149, Mar. 3, 1976; 41 FR 47424, Oct. 29, 1976; 62 FR 63271, Nov. 28, 1997]

§ 520.2380c Thiabendazole bolus.

(a) *Chemical name*. 2-(4-Thiazolyl) benzimidazole.

(b) *Specifications*. Conforms to N.F. XII.

(c) *Sponsor*. See No. 050604 in § 510.600(c) of this chapter.

(d) *Related tolerances*. See § 556.730 of this chapter.

(e) *Conditions of use*. It is used as follows:

(1) *Cattle*. In a bolus.

(i) *Amount*. 3 grams per 100 pounds of body weight.

(a) *Indications for use*. Control of infections of gastrointestinal roundworms (general *Trichostrongylus* spp., *Haemonchus* spp., *Nematodirus* spp., *Ostertagia* spp., and *Oesophagostomum radiatum*).

(b) *Limitations*. As a single oral dose; may repeat once in 2 to 3 weeks; do not

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treat animals within 3 days of slaughter; milk taken from treated animals within 96 hours (8 milkings) after the latest treatment must not be used for food.

(ii) *Amount.* 5 grams per 100 pounds of body weight.

(a) *Indications for use.* Control of severe infections of gastrointestinal roundworms (genera *Trichostrongylus* spp., *Haemonchus* spp., *Nematodirus* spp., *Ostertagia* spp., and *Oesophagostomum radiatum*). Control of infections with *Cooperia* spp.

(b) *Limitations.* As a single oral dose; as a drench or bolus; may repeat once in 2 to 3 weeks; do not treat animals within 3 days of slaughter; milk taken from treated animals within 96 hours (8 milkings) after the latest treatment must not be used for food.

(2) *Sheep and goats.* In a bolus.

(i) *Amount.* 2 grams per 100 pounds of body weight.

(ii) *Indications for use.* Control of infections of gastrointestinal roundworms in sheep and goats (general *Trichostrongylus* spp., *Haemonchus* spp., *Ostertagia* spp., *Cooperia* spp., *Nematodirus* spp., *Bunostomum* spp., *Strongyloides* spp., *Chabertia* spp., and *Oesophagostomum* spp.); also active from 3 hours to 3 days following treatment against ova and larvae passed by sheep (good activity against *T. colubriformis* and *axei*, *Ostertagia* spp., *Bunostomum* spp., *Nematodirus* spp., and *Strongyloides* spp.; less effective against *Haemonchus* contortus and *Oesophagostomum* spp.).

(iii) *Limitations.* As a single oral dose; do not treat animals within 30 days of slaughter; milk taken from treated animals within 96 hours (8 milkings) after the latest treatment must not be used for food; in severe infections in sheep, treatment should be repeated in 2 to 3 weeks.

(3) *Goats.* In a bolus.

(i) *Amount.* 3 grams per 100 pounds of body weight.

(ii) *Indications for use.* Control of severe infections of gastrointestinal roundworms (genera *Trichostrongylus* spp., *Haemonchus* spp., *Ostertagia* spp., *Cooperia* spp., *Nematodirus* spp., *Bunostomum* spp., *Strongyloides* spp., *Chabertia* spp., and *Oesophagostomum* spp.).

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(iii) *Limitations.* As a single oral dose; do not treat animals within 30 days of slaughter; milk taken from treated animals within 96 hours (8 milkings) after the latest treatment must not be used for food; treatment should be repeated in 2 to 3 weeks.

[40 FR 13838, Mar. 27, 1975, as amended at 41 FR 9149, Mar. 3, 1976; 62 FR 63271, Nov. 28, 1997]

§ 520.2380d Thiabendazole, piperazine citrate suspension.

(a) *Specifications.* Each fluid ounce of suspension contains 2 grams of thiabendazole and 2.5 grams of piperazine (from piperazine citrate).

(b) *Sponsor.* See No. 050604 in § 510.600(c) of this chapter.

(c) *Conditions of use.* (1) It is administered to horses by stomach tube or as a drench at the rate of 1 fluid ounce of suspension per 100 pounds of body weight for the control of large strongyles, small strongyles, pinworms, *Strongyloides* and ascarids (including members of the genera *Strongylus* spp., *Cyathostomum* spp., *Cylicobrachytus* spp. and related genera *Craterostomum* spp., *Oesophagodontus* spp., *Poteriostomum* spp., *Oxyuris* spp., *Strongyloides* spp., and *Parascaris* spp.).

(2) Do not use in horses intended to be used for food purposes.

(3) For use by or on the order of a licensed veterinarian.

[40 FR 13838, Mar. 27, 1975, as amended at 62 FR 63271, Nov. 28, 1997]

§ 520.2380e Thiabendazole with trichlorfon.

(a) *Specifications.* The drug contains 5 grams of thiabendazole with 4.5 grams of trichlorfon, or 20 grams of thiabendazole with 18 grams of trichlorfon.

(b) *Sponsor.* See No. 017135 in § 510.600(c) of this chapter.

(c) *Conditions of use.* (1) Used for the treatment and control of bots (*Gasterophilus* spp.), large strongyles (*Strongylus* spp.), small strongyles (genera *Cyathostomum*, *Cylicobrachytus*, *Craterostomum*, *Oesophagodontus*, *Poteriostomum*), pinworms (*Oxyuris* spp., *Strongyloides* spp.), and ascarids (*Parascaris* spp.) in horses.

(2) Administer 2 grams of thiabendazole with 1.8 grams of